DOCUMENT RESUME

ED 045 585 SP 004 479

TITLE Independent Study. Bibliographies in Education. No. 12.
INSTITUTION Canadian Teachers' Federation, Ottawa (Ontario).
PUB DATE Oct 70
NOTE 19p.

EDRS PRICE EDRS Price MF-$0.25 HC-$1.05
DESCRIPTORS *Bibliographies, *Independent Study

ABSTRACT

This bibliography lists 29 books and 218 articles on independent study. Sources consulted include the Canadian Education Index (CCRE), Education Index (Wilson's), Current Index to Journals in Education (CCM), Cumulative Book Index (Wilson's), Research in Education (ERIC), Education Studies in Canadian Universities (CEA), Directory of Education Studies in Canada (CEA), and Research Studies in Education (Phi Delta Kappa). The period covered is approximately five years. The ED numbers are listed for those documents which are abstracted in Research in Education and available through the ERIC system. (JS)

ED0 45585

C-70108

BIBLIOGRAPHIES IN EDUCATION

No. 12

NOV 17 1970

INDEPENDENT STUDY

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY

October 1970

SP004479

CANADIAN TEACHERS' FEDERATION
320 QUEEN STREET, OTTAWA 4, ONTARIO

ED0 45585

INDEPENDENT STUDY

Sources consulted in preparing this bibliography include the Canadian Education Index (CCRE), the Education Index (Wilson's), the Current Index to Journals in Education (CCM), the Cumulative Book Index (Wilson's), Research in Education (ERIC), Education Studies in Canadian Universities (CEA), Directory of Education Studies in Canada (CEA) and Research Studies in Education (Phi Delta Kappa). The period covered is approximately five years.

Abstracts of material with an ED number may be found in Research in Education. If marked "Available ERIC," hard copy or microfiche copies may be purchased through the Education Document Reproduction Service of the ERIC system.

Material available from the CTF Library is asterisked.

C O N T E N T S

Books..... 3

Articles..... 5

Theses..... 19

A. Books

1. Alexander, W. M. and others. Independent Study in Secondary Schools. New York: Holt, Rinehart & Winston, 1967. 200 p.

* 2. Beggs, David W. 3rd, and E. G. Buffle (eds.). Independent Study: Bold New Venture. Bloomington, Indiana: Indiana University Press, 1965. 236 p.

3. Bockman, John F. Evaluation of a Project: Independent Foreign Language Study by Selected Eighth Graders at Townsend Junior High School Using Programmed Materials, March 3 to May 23, 1969. Tucson Public Schools, Arizona, 1969. 53 p. Available ERIC. ED 033 632.

4. Brown, B. F. Education by Appointment: New Approaches to Independent Study. West Nyack, New York: Parker Publishing Co. Inc., 1968. 175 p.

5. Davis, Harold S. Independent Study, an Annotated Bibliography. Cleveland: Educational Research Council of Greater Cleveland, 1966. 30 p. ED 022 256. Hard copy not available ERIC.

6. Evans, Marvin L. A Comparative Study of Secondary School Independent Study Programs. Final Report. Eugene, Oregon: University of Oregon, 1968. 386 p. Available ERIC. ED 019 705.

7. Filene, Ron and Gary Kief. A Student Report on Student and Teacher Reactions to Modular Scheduling and Independent Study at South Hills High School During the 1966-67 School Year. Covina, California: Covina - Valley Unified School District, 1967. 38 p. Available ERIC. ED 021 313.

8. Fleming, Donald G. Independent Study Project: an Experiment in Self-Directed Study. York County Board of Education, May, 1969. 14 p.

* 9. Garner, Ronald A. Independent Study in Secondary Schools. MSC field study, University of Oregon. Ottawa: Canadian Council for Research in Education, 1967. 35 p.

10. Gibson, Carolyn A. University of Pittsburgh High School Science Research Program. Final Report. Pittsburgh, Pennsylvania: The University, 1968. 56 p. Available ERIC. ED 027 226.

*11. Gleason, T. (ed.). Conference on the Theory and Nature of Independent Learning. (University of Wisconsin, Milwaukee, 1965) Scranton, Pennsylvania: International Textbook Company, 1967. 101 p.

*12. Hatch, W. R. and Alice L. Richards (comp.). Approach to Independent Study. Washington: U.S. Office of Education, 1965. 73 p. (New Dimensions in Higher Education No. 13)

13. Lamie, Richard G. A Formal Course in Oceanography at the Secondary School Level through Independent Study. Summary Report and Final Report. Valhalla Union Free School District No. 5, New York, 1967. 36 p. Available ERIC. ED 016 619.

14. Lodato, Francis and others. Final Report on an Independent Study Program for the Academically Able. Bronx, New York: Manhattan College, 1968. 36 p. Available ERIC. ED 025 810.

15. Melnick, Murray. Independent Study - A Review of the Research Literature. Hempstead, New York: Center for the Study of Higher Education, Hofstra University, 1969. 16 p. Available ERIC. ED 037 165.

16. National Association of Secondary School Principals. Independent Study: Academic Freedom, New Style. Washington: NASSP, 1967. 12 p. ED 033 457. Hard copy not available ERIC.

17. North, Stewart D. Considerations in the Development and Use of Facilities for Independent Study. A State-of-the-Art Paper. Madison, Wisconsin: ERIC Clearinghouse on Educational Facilities, University of Wisconsin, 1968. 26 p. Available ERIC. ED 022 358.

18. Palmer, Judith A. and Albert E. Virgin. Independent Study at Nelson A. Boylen S.S. Board of Education for the Borough of North York, June, 1969. 25 p.

19. Purkey, William Watson. An Independent Study Project for Gifted Underachievers. Final Report. Gainesville, Florida: College of Education, University of Florida, 1967. 224 p. Available ERIC. ED 018 504.

20. Ricard, Jack. A Tool for Independent Study in Biology. Corvallis, Oregon: Oregon State University, 1965. 3 p. Available ERIC. ED 015 741.

21. Shores, Louis. The Library Junior College. A New and Larger Role for the Library in the Junior College. Washington: American Association of Junior Colleges, 1966. ED 016 364. Not available ERIC.

22. Sokol, Alvin and Jon C. Marshall. Inquiry into Innovations. Independent Students - American Studies. University City, Missouri: University City Senior High School, 1968. 207 p. Available ERIC. ED 026 686.

*23. Tough, A. M. Learning without a Teacher. Toronto: OISE, 1967. 92 p.

24. University of Florida Experimental Program in Elementary Education. Gainesville, Florida: College of Education, University of Florida, 1970. 9 p. Available ERIC. ED 038 339.

25. Virgin, Albert E. Excerpts from Students' Diaries Regarding an Independent Program. Board of Education for the Borough of North York, November, 1968. 12 p.

26. _____. Excerpts from Students' Diaries Regarding an Independent Program. Board of Education for the Borough of North York, February, 1969. 5 p.

27. White, Christine M. Development in English at Horton Watkins High School, St. Louis, Missouri. St. Louis: Horton Watkins High School, 1967. 14 p. Available ERIC. ED 018 414.

28. Williams, Lois E. Independent Learning in the Elementary School Classroom. Washington: National Education Association, Department of Elementary, Kindergarten and Nursery Education, 1969. 45 p. ED 036 326. Hard copy not available ERIC.

29. Youngs, Richard C. The Nurturance of Independence and of Independent Learning in Fourth Grade Children through Inquiry Development. Final Report. Normal, Illinois: Metcalf Laboratory School, Illinois State University, 1967. 59 p. Available ERIC. ED 032 793.

B. Articles

1. Adams, C. L. Independence for study. Hispania 50:483-7 S'67.

* 2. Alpern, D. K. In place of recitations: an experiment in teaching. Teach Col Rec 67:589-94 My'66.

3. Anderson, R. A. Let's look at the instructional systems approach. Bsns Ed World 47:19-20+ F'67.

4. Balter, L. Multisensory approach: key to programmed instruction. Bsns Ed World 48:14-15+ D'67.

5. Beckman, R. and others. Utilizing the audio-tutorial approach. J Geog 66:241-5 My'67.

* 6. Behrens, J. H. and B. G. Harmon. Economical and efficient auto-tutorial references. AV Instr 12:450-2 My'67.

* 7. Beltz, George and Dixie A. Kohn. Independent study in five Missouri high schools. Clearing House 44:334-7 F'70.

8. Bentz, J. A. Objective: independent, responsible learners. Pa Sch J 114:428-30 My'66.

9. Berg, David W. Independent study: transfusion for anemic English programs. Engl J 59:254-58 F'70.

*10. Berman, A. I. Questions/answers about seminar/autolecture. AV Instr 13:847-57 O'68.

11. _____. Seminar/autolecture. Todays Ed 57:33-6 D'68.

12. Beswick, N. W. Library college. Times Ed Sup 2702:741 Mr 3'67.

*13. Bigelow, G. S. and R. L. Egbert. Personality factors and independent study. J Ed Res 62:37-9 S'68.

*14. Bishop, L. K. Independent study; individualizing instructional programs. Clearing House 42:9-14 S'67.

*15. Blake, Fay. The library-college movement: dying of old age at thirty: a personal view. Wilson Lib Bul 44:557-560 Ja'70.

*16. Blow, Barrey. Tiny school big changes. Mon Morn 3:27-8 F'69.

*17. Bolvin, J. O. Implications of the individualization of instruction for curriculum and instructional design. AV Instr 13:238-42 Mr'68.

*18. Book vs the film; one vote for each. Sch Mgt 12:64-5+ Ap'68.

19. Brown, W. R. EPIC: an innovative curricular model; Elyria project for innovative curriculum. Sci Teach 37:65-6+ F'70.

20. Brown, W. E. and O. B. Adams. Design for independent study; an experimental program at Columbus college in Georgia supports the value of independent study in junior colleges. Jun Col J 36:29-31 My'66.

21. Brubaker, C. W. and S. Leggett. How to create territory for learning in the secondary school; the turf concept for the multischool. Nations Sch 81:67-91 Mr'68.

*22. Butler, L. A. Self-instruction lab teaches communication skills. AV Instr 15:55-6+ F'70.

23. Calder, C. R. Jr. Self-directed reading materials. Read Teach 21:248-52 D'67.

24. Capretta, P. J. Student on his own power. Improving Col & Univ Teach 14:252-6 Autumn'66.

25. Carnie, G. M. Doing your own thing via self-determined units. Sci Teach 37:35-7 F'70.

*26. Carré, C. G. Means of increasing the effectiveness of lectures given on closed circuit television; audio-tutorial system. Ed TV Int 3:199-203 S'69.

27. Carter, Robert R. Library-use program. Sci Teach 36:66-7 Ja'69.

28. Chisholm, Margaret. Change or progress? Guidelines for developing auxiliary media centers. School Libraries 18:13-16 Winter'69.

29. Cisco, G. and D. Lake. Learning laboratory. Sch & Com 56:17+ F'70.

30. Computer-oriented plan puts pupils in charge; teaching learning units (TLUs). Nations Sch 82:61+ O'68.

31. Congreve, W. J. Independent learning. North Cen Assn Q 40:222-8 Fall'65.

32. _____. Teachers develop plan for independent study; cooperative effort basis of success. Chicago Sch J 46:289-96 Ap'65.

*33. Cortines, R. C. Reaching the underachiever through media; PRISM project (provision for restructure of independent study models) AV Instr 13:952-6 N'68.

*34. Crist, R. L. Role of peer influence and aspects of group use of programmed materials. AV Comm R 15:423-34 Winter'67.

*35. _____. Use of a programed multiplication text under group-paced and individual-paced conditions. AV Comm R 14:507-13 Winter'66.

36. Danheim, A. E. Jr. Properly placed pupils; independent study in English. Tex Outl 52:16-17 A'68.

*37. De Bernardis, A. To carrel or not to carrel? that is the question. AV Instr 12:439-40 My'67.

38. Deep, D. PLAN; educational automat. Pa Sch J 118:107-9 D'69.

39. Delk, R. C. Independent study in history. Improving Col & Univ Teach 13:237-9 Autumn'65.

40. Denby, Robert V. NCTE/ERIC report: independent study programs. Engl J 58:1396-1400, 1405 D'69.

41. Denton, J. Audio-tutorial instruction in science. Sch & Com 56:13+ Ap'70.

42. DeRose, J. V. Independent study science program at Marple Newtown high school. Sci Teach 35:48-9 My'68.

43. Dixon, D. R. Independent study and institutional productivity. Improving Col & Univ Teach 18:137-8 Spring'70.

44. Doan, C. C. Stimulus to high-level learning: individual exploration. Sch Shop 27:52+ N'67.

*45. Drowne, F. Individualizing instruction through the use of tapes. AV Instr 14:41-2 My'69.

*46. Duffey, B. R. Individualizing mathematics; tape helps each student do his own thing. AV Instr 14:55-6 F'69.

*47. Eckert, R. E. and D. C. Neale. Teachers and teaching; independent study. R Ed Res 35:309 O'65.

48. 8mm cartridge films aid in individualized study. Bsns Ed World 49:2-3 N'68.

49. Empey, D. W. What is independent study all about? J Sec Ed 43:104-8 Mr'68.

50. Erhart, R. R. and D. S. Mellander. Experiences with an audio-visual-tutorial laboratory. J Geog 68:88-92 F'69.

51. Farris, R. Independent study for less academic students in a comprehensive high school? Project PRISM (provision for restructure of independent study models) J Sec Ed 42:344-57 D'67.

52. Felland, Norman. English independent study for high school. Engl J 58:591-93, 601 Ap'69.

53. Filogamo, M. J. Texarkana battles dropout dilemma; rapid learning centers. El Engl 47:305-8 F'70.

*54. Flanagan, J. C. Project PLAN. Clearing House 43:63-4 S'68.

55. Fleck, H. Independent study. Forecast Home Econ 12:F7-8 D'66.

56. Fleming, M. F. S-A-S approach to teaching second level; science-as-science. Am Biol Teach 32:168-9 Mr'70.

*57. Fleury, Dale F. Independent study; foreign language seminars; Nathan Hale high school, Seattle, Washington. NASSP Bul 53:90-9 S'69.

58. Fromm, W. W. I/D/E/A national demonstration schools project. Ill Sch J 48:35-8 Spring'68.

59. Fusaro, Janiece B. The library-college: where the educational technology action is! Ed Technology 9:50-1 J1'69.

*60. Gallagher, J. J. and W. Rogge. Gifted: independent study and honors. R Ed Res 36:45-6 F'66.

61. Garrett, G. R. and C. M. White. Increasing student responsibility. Sch & Com 54:10+ Ap'68.

*62. Garvey, J. F. Possible over-emphasis on large-group instruction. Ed 89:213-4 F'69.

*63. Gennaro, E. D. and C. H. Boeck. Use of self-instructional carrels in science teaching. Sch Sci & Math 68:114-6 F'68.

*64. Gerlach, V. S. Self-instruction in the AV laboratory. AV Instr 11:96-7 F'66.

*65. Glatthorn, A. A. Individual self-fulfillment in the large high school. NASSP Bul 53:47-56 Mr'69.

*66. Glatthorn, A. A. and J. E. Ferderbar. Independent study for all students: Abington high school, North campus. Phi Delta Kappan 47:379-82 Mr'66.

67. Gorton, R. Teacher is the prime element of independent study. Wis J Ed 100:26-7 Ap'68.

*68. Grazier, M. H. Library and new programs. NASSP Bul 50:18-24 Ja'66; same cond. Ed Digest 31:50-3 Ap'66.

69. Green, Alan C. The physical setting for self-instruction. Audiovisual Media 4:32-9 Spring'70.

*70. Guernsey, J. Small school; big curriculum; Anatone high school. Am Ed 3:11+ O'67.

*71. Haefele, D. L. Self-instruction and teacher education. AV Instr 14:63-4 Ja'69.

72. Halio, J. Look teacher, no spoons! Improving Col & Univ Teach 14:46-7 Winter'66.

73. Hamilton, R. H. Experiment with independent study in freshman history. Liberal Ed 53:271-8 My'67.

74. Harman, C. Are study halls necessary? Mont Ed 43:10-11 F'67.

*75. Hartnett, R. T. and C. T. Stewart. Final examination grades of independent study students compared with those of students taught by traditional methods. J Ed Res 59:356-7 Ap'66.

76. Haywood, C. R. Independent study for freshmen. Improving Col & Univ Teach 16:279-80 Autumn'68.

77. Hedges, C. Independent study projects: an antidote to senioritis? Engl J 57:400-1 Mr'68.

78. Hennekes, K. Athens high school students pursue their interests through Quest. Ohio Sch 46:25-8+ Ja'68.

79. Here's what individualized instruction could mean to you. Grade Teach 87:82-6 O'69.

80. Hill, E. K. and P. G. Bergstrom. Big ideas for small schools. Ind Arts & Voc Ed 57:6+ Ap'68.

81. Holt, D. Individualized business courses. Sch & Com 55:24+ Ap'69.

*82. Hoover, W. F. Patterns of organization for learning. AV Instr 13:588-90 Je'68.

83. Hotchkiss, Lois E. How some adults learn HOW to teach. Adult Lead 18:47-8, 54, 66 Je'69.

*84. Howard, E. R. Developing sequential learning materials. NASSP Bul 54:159-68 My'70.

85. Hunt, B. Surprising things happen when they study on their own. Grade Teach 84:114+ N'66.

*86. Husband, David P. The auto-tutorial system. AV Instr 15:34-5 F'70.

*87. Hynes, N. Learning to read short stories. J Read 13:429-32+ Mr'70.

*88. Independent study centers; their relation to the central library. Letter from M. E. Miller, with rejoinder by J. L. Trump. NASSP Bul 50:v+ S'66.

89. Independent study in medical school. Sch & Soc 94:262+ Summer'66.

*90. Independent study: the dilemma. TIP 5:205-31 D'66.

91. Individualized study program. Sch & Com 53:34-5 O'66.

92. In January, Tufts students will do their own thing. Bsns Ed World 49:2 D'68.

93. Iverson, J. G. College Interim program. Minn J Ed 48:17-8 N'67.

94. Jacobson, J. A. Inquiry laboratory; environment for independent study. Instr 77:85+ Ap'68.

95. _____. Learning is a highly personal matter. Social Ed 32:707-8 N'68.

*96. Jenness, L. S. and G. Galin Berrier. An independent study seminar approach to Afro-American history. NASSP Bul 54:58-66 Ap'70.

*97. Johnson, T. D. Bibliography for self-directed practice in reading. J Read 13:370-8 F'70.

98. Jones, R. V. Jr. Learning activity packages: an approach to individualized instruction. J Sec Ed 43:178-83 Ap'68.

* 99. Kane, P. W. and others. Self Advancement via education spells SAVE. AV Instr 14:52-3 N'69.

*100. Kapfer, P. G. Instructional management strategy for individualized learning. Phi Delta Kappan 49:260-3 Ja'68.

*101. _____. Practical approaches to individualizing instruction. Ed Screen AV G 47:14-6 My'68.

*102. Kapfer, P. G. and G. Swenson. Individualizing instruction for self-paced learning; UNIPAC developed by Materials dissemination center in South Laguna, California. Clearing House 42: 405-10 Mr'68.

103. Kelly, E. T. Unsupervised study; proceed with caution. Clearing House 40:100-1 O'65.

104. Kennard, Anne and Walter Johnson. Learning center survey: pupils and parents. Ill Sch Res 6:22-32 My'70.

105. Kenneke, L. J. Autotutorial techniques: implications for occupational education. Ind Arts & Voc Ed 59:26-8 My'70.

*106. Kirkpatrick, J. High school for one: the Anatone story. Ed Screen AV G 47:22-3 Ja'68.

*107. Kornhaber, E. and D. Kappus. Designing an algebra 1 performance curriculum for a heterogeneous student population. Sch Sci & Math 70:493-500 Je'70.

108. Lagios, S. A. Seminars and independent study. J Sec Ed 42:226-8 My'67.

109. Leighton, Brian. Self-supporting classes - a variation. Adult Ed (London) 42:148-50 S'69.

110. Like, Doris W. More on learning - resource centers. Childh Ed 46:209-12 Ja'70.

*111. Linck, Norman. Educational media and independent study. AV Instr 15:36-7 F'70.

*112. Lindsay, F. B. New look: goals and purposes of secondary education; learning outside classrooms. NASSP Bul 50:259-60 Ap'66.

*113. Louincz, L. Proposal for the implementation of a self-study program in chemistry 30X. SCAT Bul 8:4-21 Je'69.

114. Lower, S. K. Audio-tutorial and CAI aids; for problem solving in introductory chemistry. J Chem Ed 47:143-6 F'70.

115. Marion, M. A. Independent study: a first attempt. Engl J 56:235-7+ F'67.

116. May, L. J. Learning laboratories in elementary schools in Winnetka. Arith Teach 15:501-3 O'68.

117. McAninch, H. D. Audio-tutorial approach to remedial English. Sch & Com 54:31+ O'67.

*118. McBride, O. Learning through media in the library. AV Instr 14:69 Ja'69.

*119. McBurney, Wendell F. Individualized instruction: a case for the independent student investigation in science. Sch Sci & Math 69:827-30 D'69.

*120. McCaffery, James F. and Daniel S. Turner. Discipline in the innovative school. Clearing House 44:491-6 Ap'70.

*121. McCurdy, D. W. Student commons in high school: why not? Ed 89:215-6 F'69.

122. McCurdy, D. W. and R. L. Fisher. Physical science project; an individualized two-year chemistry-physics course. Sci Teach 36:60+ D'69.

*123. McKeegan, H. F. What individualizing instruction means to the curriculum director; Milton project. AV Instr 13:232-7 Mr'68.

*124. McNeil, J. and J. E. Smith. Multi's at Nova; learning activities package. Ed Screen AV G 47:16-9+ Ja'68.

125. Meierhenry, W. C. and S. Postlethwait. New and creative uses of media in teacher education. AACTE Yrbk 19:314-21'66.

126. Meyer, G. T. Mathematics without blackboards; an innovative use of the language laboratory. Mod Lang J 52:341-4 O'68.

127. Meyer, G. R. and S. N. Postlethwait. Australian high schools use audio-tutorials in field biology. Am Biol Teach 32: 96-101 F'70.

128. Moen, Norman. The Minnesota general college. Improving Col & Univ Teach 17:77-80 Spring'69.

*129. Mundt, A. V. Toward self instruction practice. AV Instr 14:86 Mr'69.

130. Myers, Franklin G. A plan for all seasons: independent study in an English electives program. Engl J 59:244-53 F'70.

131. Naal, U. Independent study: pro and con. Cath Sch J 68:36-7 Mr'68.

*132. Norton, M. S. How to initiate a program in individual studies. Clearing House 41:268-70 Ja'67.

*133. Ogston, T. J. Individualized instruction: changing the role of the teacher. AV Instr 13:243-8 Mr'68.

*134. Overly, N. V. and H. F. McKeegan. Individualizing for independence of students and teachers: Milton project. TIP 5:225-8 D'66.

135. Owens, K. Corridor conferences; student-teacher conferences. Ill Ed 56:375-7 My'68.

136. Page, J. L. Evolution of carrel. AV Instr 13:482-5 My'68.

*137. Pensinger, G. Videotape recorders: the versatile middle men. Am Sch Bd J 155:12-3 Ap'68.

138. Pintel, G. Independent study for honor students at community college. J Bsns Ed 42:193-4 F'67.

139. Pixley, M. H. Innovative portfolio: our program splits curriculum in two. Nations Sch 79:82-3 Ap'67.

*140. Plunkett, William T. Independent study at Syosset high school. Phi Delta Kappan 50:350-2 F'69. Same, Calif J Ed Res 20:63-8 Mr'69.

141. Polos, N. C. Tutorial adapted for the high school. Clearing House 40:404-5 Mr'66.

142. Postlethwait, S. N. At each student's pace; audio-tutorial method for teaching botany. Col Mgt 4:16-7+ N'69.

143. _____. Audio-tutorial system. Am Biol Teach 32:31-3 Ja'70.

144. _____. Multi-faceted approach to teaching; the audio tutorial approach. Am Ann Deaf 111:657-60 N'66.

*145. Reichert, E. C. Some innovations in education with implications for teacher preparation. J Teach Ed 18:149-52 Summer'67.

*146. Renzelman, A. Why not? AV Instr 15:27 F'70.

147. Richard, P. W. Experimental individualized BSCS biology. Sci Teach 36:53-4+ F'69.

148. Richard, P. and R. B. Sund. Individualized instruction in biology. Am Biol Teach 31:252-6 Ap'69.

*149. Richardson, D. H. Independent study: what difference does it make? NASSP Bul 51:53-62 S'67.

150. Richason, B. F. Jr. Audio-visual-tutorial method. J Geog 66:155-7 Ap'67.

*151. _____. Teaching geography by the audiovisual tutorial method. AV Instr 15:41-4 F'70.

*152. Ricken, R. On independent study; Mineola junior high school. N Y State Ed 56:33-4 F'69.

153. Riddle, M. J. Operation challenge. Sch & Com 54:10+ My'68.

154. Robertson, K. Independent study; Pius XI high, Milwaukee. Cath Sch J 70:34+ Mr'70.

155. _____. Try this: independent study. Cath Sch J 70:34-6 Mr'70.

156. Roe, Ernest. The demise of Betsy's library. Observations from abroad: the American scene - I. School Library J 15:39-43 F'69.

157. Rogers, C. S. Talking bus; Gunnison, Colorado. Instr 79:124-5 Ap'70.

158. Royer, M. Experimental procedures in reading: supervised independent study. Conf on Read Univ Chicago 27:76-80 '65.

159. Ruffer, D. G. Independent study and smallness. Improving Col & Univ Teach 18:139-41 Spring'70.

160. Runquist, O. Programmed laboratory; an audio-tutorial approach to elementary organic laboratory. J Chem Ed 44:407 J1'67.

*161. Russman, L. S. Independent study at Stamford high school. Clearing House 42:473 Ap'68.

*162. Ryan, F. L. Teacher inclusion in a programmed instructional sequence involving social studies content. J Ed Res 62:53-7 O'68.

163. Sanders, F. B. Option for change in higher education. Ed Tech 9:79-81 S'69.

164. Sato, J. J. Flexible scheduling and independent study in advanced clothing. J Home Econ 60:733-5 N'68.

*165. The saturated environment - Evanston, Illinois. Sch Mgt 13:56-63 O'69.

166. Sharp, Gerald V. Individualized study programs in the general secondary school curriculum. Ed Technology 9:45-7 J1'69.

167. Sharp, Harry Jr. and Christopher Johnstone. Independent study for undergraduates. Speech Teach 18:308-11 N'69.

168. Sheehan, Sister Helen. The library-college idea: trend of the future? Library Trends 18:93-102 J1'69.

*169. Shores, L. Along the library college way. Peabody J Ed 46:165-76 N'68.

170. Shores, Louis. Library-college U.S.A. ALA Bul 63:1547-53 D'69.

171. Short, S. H. and others. Development and utilization of a self-instruction laboratory; college-level foods course. J Home Econ 61:40-4 Ja'69.

*172. Sinks, T. A. Individual progress: a study of seventh graders. Clearing House 44:457-60 Ap'70.

173. Sisler, G. Student reaction to an audiotutorial system. J Home Econ 62:40-2 Ja'70.

174. Sister Marita Anna. Independent study: the use of carrels. Cath Sch J 66:56-7 N'66.

175. Sixth-formers can run their own lives. Times Ed Sup 2736: 930 O 27'67.

176. Slabaugh, W. H. Avogadro's number by four methods. J Chem Ed 46:40 Ja'69.

177. Smith, V. Classroom rigidity: a real problem. Sch & Com 52:13 My'66.

178. Spears, B. and D. Swire. From philosophy to practice through self-directed activities. J Health Phys Ed Rec 39:39-41 O'68.

179. Steiner, R. L. Taped audio tutorial approach in biology teaching. Am Biol Teach 27:719-20 N'65.

*180. Streitmatter, Kenneth D. Student study patterns - a break from tradition. Clearing House 43:280-2 Ja'69.

181. Strel, D. O. and D. F. Wentura. Evolving curriculum; design and industry program. J Ind Arts Ed 26:13+ My'67.

*182. Stretch, Bonnie Barrett. The Rise of the "free school". Saturday Review 53:76-9, 90-3 Je 20'70.

183. Sullens, Z. R. Personal reading in the curriculum. Jun Col J 36:37-9 D'65.

184. Summerfelt, A. E. Individualized learning in home economics. J Sec Ed 45:185-7 Ap'70.

*185. Sweeney, E. Experiment in creativity. Clearing House 41:106-8 O'66.

186. Syrocki, B. J. and others. Audio-video tutorial program. Am Biol Teach 31:91-6 F'69.

*187. Talbert, R. L. Learning activity package: what is it? Ed Screen AV G 47:20-1 Ja'68.

*188. Tegge, T. N. Oak Park-River Forest, Illinois; independent work in Asian studies. NASSP Bul 51:43-7 Ja'67.

*189. They like working there. Ed Screen AV G 47:20-1 S'68.

190. Tirrell, J. E. Total independent study at Oakland; Oakland community college in Michigan, seeks to develop a new learning model. Jun Col J 36:21-3 Ap'66.

191. Tough, A. Assistance obtained by adult self-teachers. Adult Ed 17:30-7 Autumn'66.

*192. Travers, R. M. W. and K. E. Myers. Efficiency in rote learning under four learning conditions. J Ed Res 60:10-2 S'66.

*193. Tripp, Robert L. Self-directed study: a junior high school pilot program. Clearing House 43:344-8 F'69.

194. Trump, J. L. New ideas in high school; with study-discussion program by C. Smallenburg and H. Smallenburg. PTA Mag 61:4-7, 36 N'66.

195. _____. Secondary education tomorrow. Ed Digest 32:22-5 S'66.

*196. _____. Secondary education tomorrow; four imperatives for improvement. NASSP Bul 50:87-95 Ap'66.

*197. Tway, E. Self-feeding schedule for children in elementary school. El Sch J 69:68-71 N'68.

*198. Underwood, D. L. Creativity in instruction; Florissant Valley community college. AV Instr 12:680-2 S'67.

199. Veatch, J. Improving independent study. Childh Ed 43:284-8 Ja'67. Same cond. Ed Digest 32:29-31 My'67.

200. Walker, Richard D. Independent study materials in library science instruction. Journal of Education for Librarianship 10:44 Summer'69.

201. Warner, J. L. Environmental field work, an audio-tutorial plan. Sci Teach 37:83-4 Ap'70.

202. Warren, W. H. Sandbags for the educational flood. J Higher Ed 39:214-8 Ap'68.

203. Warren, P. P. Pick a station. Instr 79:48 Mr'70.

*204. Wedberg, D. P. Microforms for independent study. AV Instr 12:435-8 My'67.

*205. Weisgerber, R. A. PLAN is a project halfway there. Ed Screen AV G 48:12-3+ J1'69.

*206. Weisgerber, R. A. and H. F. Rahmlow. Individually managed learning, Project PLAN. AV Instr 13:835-9 O'68.

*207. Wheeler, R. C. Support for learning in elementary and secondary education. AV Instr 13:592 Je'68.

*208. Whitmire, J. Independent study program at Melbourne high. Phi Delta Kappan 47:43-6 S'65.

*209. Why students are flunking in Aspen. Sch Mgt 11:61-6 O'67.

*210. Wille, Lois. Room for miracles. Am Ed 5:7-10 A-S'69.

211. Williams, H. R. and C. L. Koelsche. Organization of chemistry classes; a comparative study of two patterns in the teaching of high school chemistry. Sci Teach 34:52-4 My'67.

212. Wilson, O. M. Can we have the best of both worlds? Liberal Ed 51:351-60 O'65.

213. Wolfe, A. B. and J. E. Smith. At Nova, education comes in small packages; learning activity packages. Nations Sch 81:48-9+ Je'68.

214. Wootton, R. D. Independent study curriculum. Improving Col & Univ Teach 16:277-8 Autumn'68.

*215. Workshop: keeping seniors interested in school. Sch Mgt 10:11 A'66.

216. Wright, Dorothy. Try a quest. Engl J 59:131-3, 143 Ja'70.

217. Youngs, Richard C. and others. The efficacy of selected instructional methods for developing independent learning. Ill Sch Res 6:5-15 My'70.

218. Zimmer, R. S. Opportunity for learning. Jun Col J 40:48+ Ap'70.

C. Theses

1. Ketcherside, James Carlin. Facilities for Independent Study in California High Schools. Ph.D. thesis, University of Southern California, 1968. DA 1079-A.